

Anti-Bonzo/CXCR6 Antibody

Catalog Number: PA2082-1

About Cxcr6

CXCR6 (Chemokine, CXC Motif, Receptor 6), also known as STRL33, is a protein that in humans is encoded by the CXCR6 gene. By Southern blot analysis of genomic DNA and somatic cell hybrid analysis, Liao et al. (1997) mapped the single-copy STRL33 gene to chromosome 3. Matloubian et al. (2000) found that human and mouse cells expressing CXCR6 showed a strong chemotactic response to CXCL16 but not to other chemokines. The authors concluded that CXCL16 and CXCR6 probably function in interactions between dendritic cells and T cells and in regulating T-cell migration in the splenic red pulp. Kim et al. (2001) concluded that CXCR6 may be important in the trafficking of effector T cells mediating type-1 inflammation.

Overview

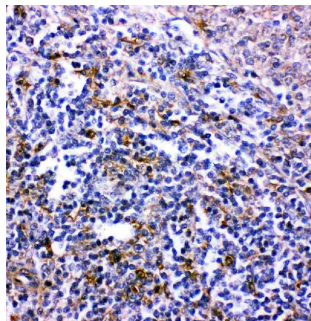
Product Name	Anti-Bonzo/CXCR6 Antibody
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-Bonzo/CXCR6 Antibody catalog # PA2082-1. Tested in IHC, WB applications. This antibody reacts with Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9EQ16

Technical Details

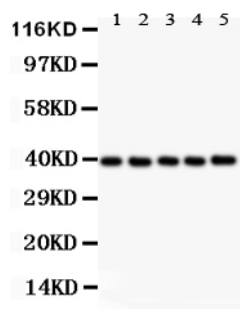
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Bonzo, different from the related rat sequence by two amino acids, and from the related human sequence by three amino acids
Predicted Reactive Species	Hamster
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized

Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Rat, Mouse, By Heat</p> <p>Western blot, 0.1-0.5ug/ml, Mouse, Rat</p>

Anti-Bonzo/CXCR6 Antibody (PA2082-1) Images



Anti-CXCR6 antibody, PA2082-1, IHC(P)
IHC(P): Rat Spleen Tissue



Anti-CXCR6 antibody, PA2082-1, Western blotting
All lanes: Anti CXCR6 (PA2082-1) at 0.5ug/ml
Lane 1: Rat Brain Tissue Lysate at 50ug
Lane 2: Rat Testis Tissue Lysate at 50ug
Lane 3: Rat Spleen Tissue Lysate at 50ug
Lane 4: Mouse Brain Tissue Lysate at 50ug
Lane 5: Mouse Testis Tissue Lysate at 50ug
Predicted bind size: 39KD
Observed bind size: 39KD

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